

CLAIM AMENDMENTS

Please cancel claim 51.

Please amend the claims as follows:

15. (Currently amended) An apparatus comprising

a fuel source,

an air source,

a combustion mechanism,

a combustion chamber adapted to receive fuel from said fuel source, air from said air source, and to contain an operative portion of said combustion mechanism, and having an output for combustion gas

a the heat exchanger of claim 1 having an input connected to said output of said combustion chamber, wherein ~~said heat exchanger comprises an enclosed stack of plates, said heat exchanger further having an input for clean air, an output for clean air and an output for combustion gas~~ said first stream of fluid is clean air and said second stream of fluid is combustion gas,

wherein said ~~enclosed stack of plates~~ at least three plates secured within said enclosure comprises at least one first pair of plates that permits the flow of combustion gas between said first pair,

wherein said ~~enclosed stack of plates~~ at least three plates secured within said enclosure comprises at least one second pair of plates that permits the flow of clean air between said second pair, and

wherein at least one of said first pair and said second pair jointly include a single plate.

39. (Currently amended) A method comprising

providing a fuel source,

providing an air source,

providing a combustion mechanism,

disposing at least an operative portion of said combustion mechanism in a combustion chamber adapted to receive fuel from said fuel source, air from said air source, and having an

output for combustion gases

connecting a the heat exchanger claim 1 by an one input to said output of said combustion chamber, wherein ~~said heat exchanger comprises an enclosed stack of plates;~~
~~— providing said heat exchanger with an input for clean air, an output for clean air and~~
~~an output for combustion gases~~ said first stream of fluid is clean air and said second stream of fluid is combustion gases,

and ~~adapting said enclosed stack of plates~~ said at least three plates within said enclosure are adapted to permit the flow of combustion gas between alternating pairs, and clean air between the other pairs.

50. (Currently amended) An apparatus comprising

a combustion chamber,

a source of electric power electrically connected to said combustion chamber,

a the heater exchanger of claim 1, connected to an output of said combustion chamber

and

a secondary containment tub surrounding at least an area below said combustion chamber, said source of electric power, and said heat exchanger,

wherein said secondary containment tub is operative to prevent liquid leakage.

52. (Currently amended) An apparatus comprising

a the heat exchanger of claim 1 for exchanging heat between combustion gasses and clean air,

a combustion source, connected to an input of said heat exchanger

a fuel tank, connected to an input of said combustion source

a generator electrically connected to said combustion source, and

an air cooling system for said fuel tank and generator, electrically connected to said generator,

wherein said cooling system uses air that is in a different stream from said clean air.